

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,157,972 B2
APPLICATION NO. : 10/731832
DATED : January 2, 2007
INVENTOR(S) : Hajimiri et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

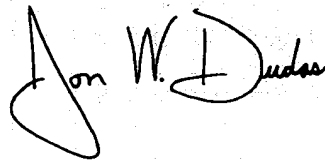
Col. 8, between lines 30 and 35 of the equation, please change " R_s " to $-- r_s --$.

Col. 9, between lines 20 and 25 of the equation, please change " R_s " to $-- r_s --$.

Col. 10, line 1 of the equation, please change " R_s " to $-- r_s --$.

Signed and Sealed this

Thirteenth Day of March, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with the first name "Jon" and last name "Dudas" clearly legible, and "W." in the middle.

JON W. DUDAS
Director of the United States Patent and Trademark Office